



DT08 Rec'd PCT/PTO 14 MAR 2005

Patent

Attorney Docket No. 012679-111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Tae-yoon Kim et al.

Application No.: 10/524,562

Filing Date: February 14, 2005

Title: A COMPOSITION COMPRISING PHYTOSPHINGOSINE DERIVATIVES FOR APOPTOSIS
INDUCTION

MS AMENDMENT

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTERCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form
PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

Susan M. Dadio

Registration No. 40,373

Date: March 14, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of

Yae-yoon Kim et al.

Application No.: 10/524,562

Filed: February 14, 2005

For: A COMPOSITION COMPRISING
PHYTOSPHINGOSINE
DERIVATIVES FOR APOPTOSIS
INDUCTION

)
)
) Group Art Unit: Unassigned

)
) Examiner: Unassigned

)
) Confirmation No.: Unassigned

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. Also enclosed are copies of forms PCT/IPEA/408 and PCT/IPEA/409 from corresponding International Application No. PCT/KR2002/001875.

Non-Patent Documents

- (1) LEE et al., "Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells," Journal of Neurochemistry, 2000, pp. 1053-1059, Vol. 75, No. 3, Lippincott, Williams & Wilkins, Inc., Philadelphia; and
- (2) BEKTAS, et al., "Different Vitamin D Analogues Induce Sphingomyelin Hydrolysis and Apoptosis in the Human Keratinocyte Cell Line HaCaT," Cellular and Molecular Biology, 2000, pp. 111-119, Vol. 46, No. 1, C.M.B. Association, France.

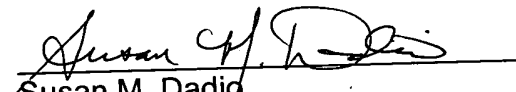
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date March 14, 2005

By: 
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**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/524,562
 Filing Date February 14, 2005
 First Named Inventor Tae-yoon Kim et al.
 Examiner Name Unassigned
 Attorney Docket Number 012679-111

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	LEE et al., "Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells," <u>Journal of Neurochemistry</u> , 2000, pp. 1053-1059, Vol. 75, No. 3, Lippincott, Williams & Wilkins, Inc., Philadelphia.
	BEKTAS, et al., "Different Vitamin D Analogues Induce Sphingomyelin Hydrolysis and Apoptosis in the Human Keratinocyte Cell Line HaCaT," <u>Cellular and Molecular Biology</u> , 2000, pp. 111-119, Vol. 46, No. 1, C.M.B. Association, France.

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.